This listing of claims will replace all prior versions of claims in the application.

Claim 1. (currently amended) A coated substrate comprising:

- a) an organic underlayer composition coating layer on a substrate, the underlayer composition comprising (i) a first resin that comprises aromatic and/or alicyclic groups and (ii) a second resin that is distinct from the first resin and comprises one or more chromophore groups a component that comprises aromatic and/or alicyclic groups and a component that comprises one or more chromophore groups;
- b) over the underlayer composition coating layer, a photoresist composition coating layer for imaging at less than 200 nm, the photoresist comprising a photoactive component and an Si-containing component.
- Claim 2. (original) The coated substrate of claim 1 wherein the underlayer composition comprises an integral component that comprises both i) aromatic and/or alicyclic groups and ii) chromophore groups.

Claim 3. (cancelled)

- Claim 4. (previously presented) The coated substrate of claim 1 wherein the chromophore groups comprise anthracene groups.
- Claim 5. (currently amended) The coated substrate of claim 1 wherein the first resin underlayer composition component that comprises aromatic and/or alicyclic groups comprises optionally substituted phenyl groups, optionally substituted naphthyl groups, optionally substituted adamantyl groups, optionally substituted norbornyl groups, or optionally substituted isobornyl groups.

Claims 6-21. (cancelled)

- Claim 22. (currently amended) A method for forming a photoresist relief image comprising:
- a) applying an organic underlayer composition coating layer on a substrate, the underlayer composition comprising (i) a first resin that comprises aromatic and/or alicyclic groups and (ii) a second resin that is distinct from the first resin and comprises one or more chromophore groups a component that comprises aromatic and/or alicyclic groups and a component that comprises one or more chromophore groups;
- b) applying a photoresist composition coating layer over the underlayer composition, the photoresist composition comprising a photoactive component and an Si-containing component;
- c) exposing the photoresist composition coating layer to radiation having a wavelength of less than about 200 nm.
- Claim 23. (original) The method of claim 22 wherein the photoresist layer is exposed to radiation having a wavelength of less than 170 nm.
- Claim 24. (original) The method of claim 22 wherein the photoresist layer is exposed to radiation having a wavelength of about 193 nm.

Claims 25-51. (cancelled)

Claim 52. (currently amended) An article of manufacture comprising a substrate having coated thereon a multilayer photoresist system,

the system comprising:

a) an organic underlayer composition coating layer on a substrate, the underlayer composition comprising (i) a first resin that comprises aromatic and/or alicyclic groups and (ii) a second resin that is distinct from the first resin and comprises one or more chromophore groups

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a component that comprises aromatic and/or alicyclic groups and a component that comprises one or more chromophore groups;

b) over the underlayer composition coating layer, a photoresist composition coating layer for short wavelength imaging, the photoresist comprising a photoactive component and an Si-containing component.

Claim 53. (cancelled)

Claim 54. (original) An underlayer composition for use with an overcoated silicon-containing photoresist imaged at under 200 nm, the underlayer composition comprising:

a first resin that comprises phenolic groups, and a second resin that comprises anthracene groups.

Claims 55-60. (cancelled)

Claim 61. (new) The underlayer composition of claim 54 wherein the composition comprises a thermal acid generator compound.

Claim 62. (new) The coated substrate of claim 1 wherein the underlayer composition comprises a thermal acid generator compound.

Claim 63. (new) The coated substrate of claim 1 wherein the photoresist composition comprises a resin with Si groups.

Claim 64. (new) The coated substrate of claim 1 wherein the photoresist composition resin comprises alicyclic groups.

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- Claim 65. (new) The coated substrate of claim 1 wherein the photoresist composition resin comprises photoacid-labile groups.
- Claim 66. (new) The method of claim 22 wherein the underlayer composition comprises a thermal acid generator compound.
- Claim 67. (new) The method of claim 22 wherein the underlayer composition is crosslinked.
- Claim 68. (new) The method of claim 22 wherein the photoresist composition comprises a resin with Si groups.
- Claim 69. (new) The method of claim 22 wherein the photoresist composition resin comprises alicyclic groups.
- Claim 70. (new) The method of claim 22 wherein the photoresist composition resin comprises photoacid-labile groups.
- Claim 71. (currently amended) A method for forming a photoresist relief image comprising:
- a) applying an organic underlayer composition coating layer on a substrate, the underlayer composition comprising a component that comprises aromatic and/or alicyclic groups and a component that comprises one or more chromphore groups;
- b) applying a photoresist composition coating layer over the underlayer composition, the photoresist composition comprising a photoactive component and an Si-containing component;
- c) exposing the photoresist composition coating layer to radiation having a wavelength of less than about 170 nm.